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Applicant(s)	Christopher D. Immer	AMENDMENT AND RESPONSE UNDER 37 C.F.R. §1.111
Serial No.	09/994,990	
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Group Art Unit	2855	
Examiner Name	Marissa L. Ferguson	
Confirmation No.	9113	
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Title: THERMODYNAMIC PRESSURE/TEMPERATURE TRANSDUCER HEALTH CHECK		

Commissioner for Patents
Washington, D.C. 20231

Applicants have reviewed the Office Action mailed on October 4, 2002. Please amend the above-identified application as follows:

IN THE CLAIMS

Please rewrite the claims below as follows:

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5. (Once amended) A pressure transducer test apparatus comprising:
- a fitting having an input to receive a pressure input and an output coupleable to a pressure transducer;
 - a valve attached to the fitting near the input, the fitting further having first and second selectable internal volumes between the valve and the output; and
 - a piston provided in the fitting, wherein the piston is remotely movable between first and second positions for selecting the first internal volume at the first position and the second internal volume at the second position.
6. (Once amended) The pressure transducer test apparatus of claim 5 wherein the piston is movable in response to an electro magnet.

11. (Once amended) A method of in situ testing a pressure transducer comprising:

measuring a first internal pressure in a fitting at a first internal volume of the fitting using the pressure transducer;

changing the internal volume of the fitting to a second internal volume to change the internal pressure to a second internal pressure;

measuring the second internal pressure in the fitting using the pressure transducer; and

comparing the measured first and second internal pressures to historical pressure readings.

19. (Once amended) A method of in situ testing a pressure transducer comprising:

measuring a series of first internal pressures in a fitting at a first volume of the fitting using the pressure transducer;

measuring a series of second internal pressures in the fitting at a second volume of the fitting using the pressure transducer; and

analyzing and comparing the measured series of first and second internal pressures to historical data.

21. (Once amended) The method of claim 19 wherein the first and second volumes of the fitting are determined by a position of an internal piston of the fitting.